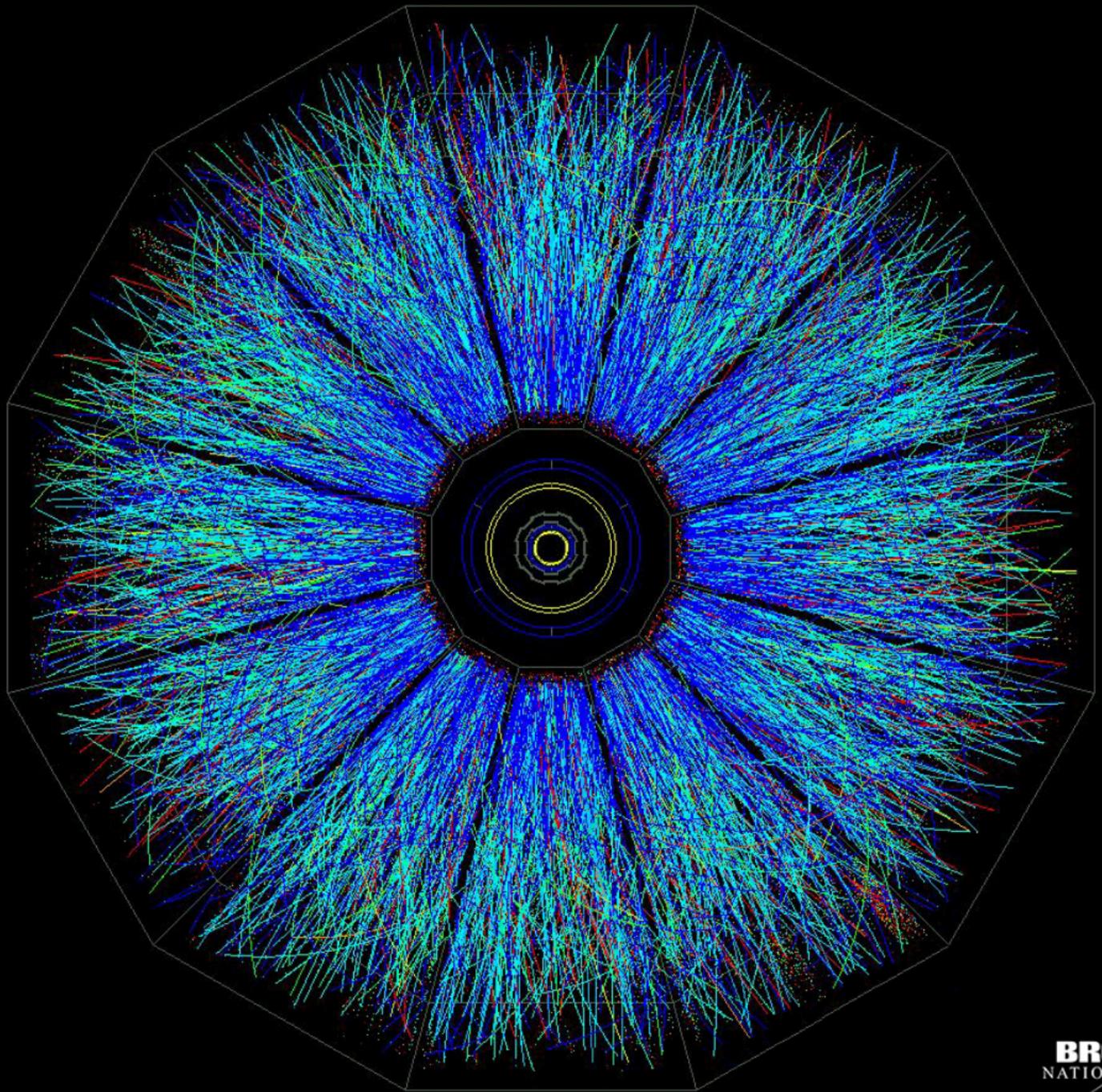


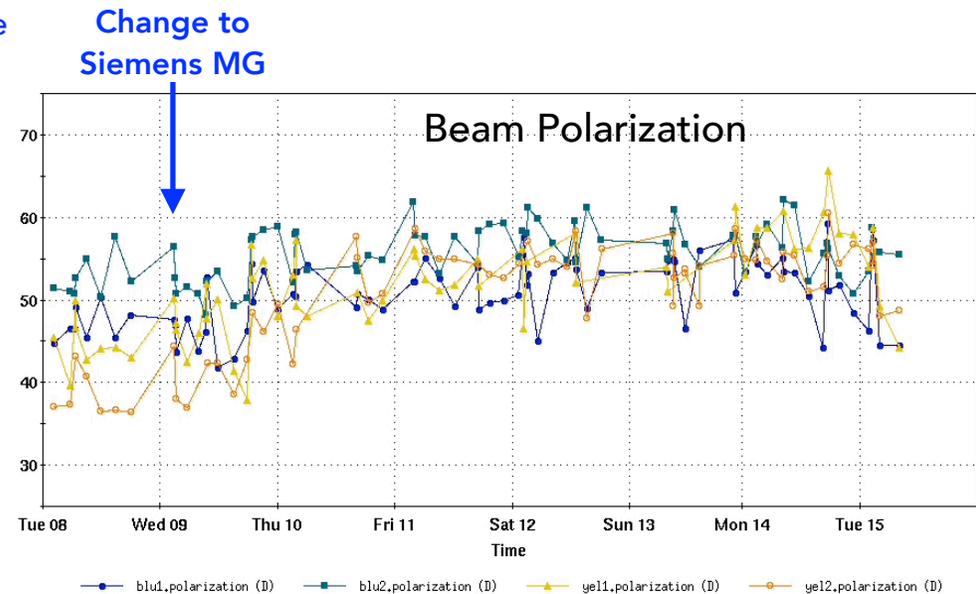
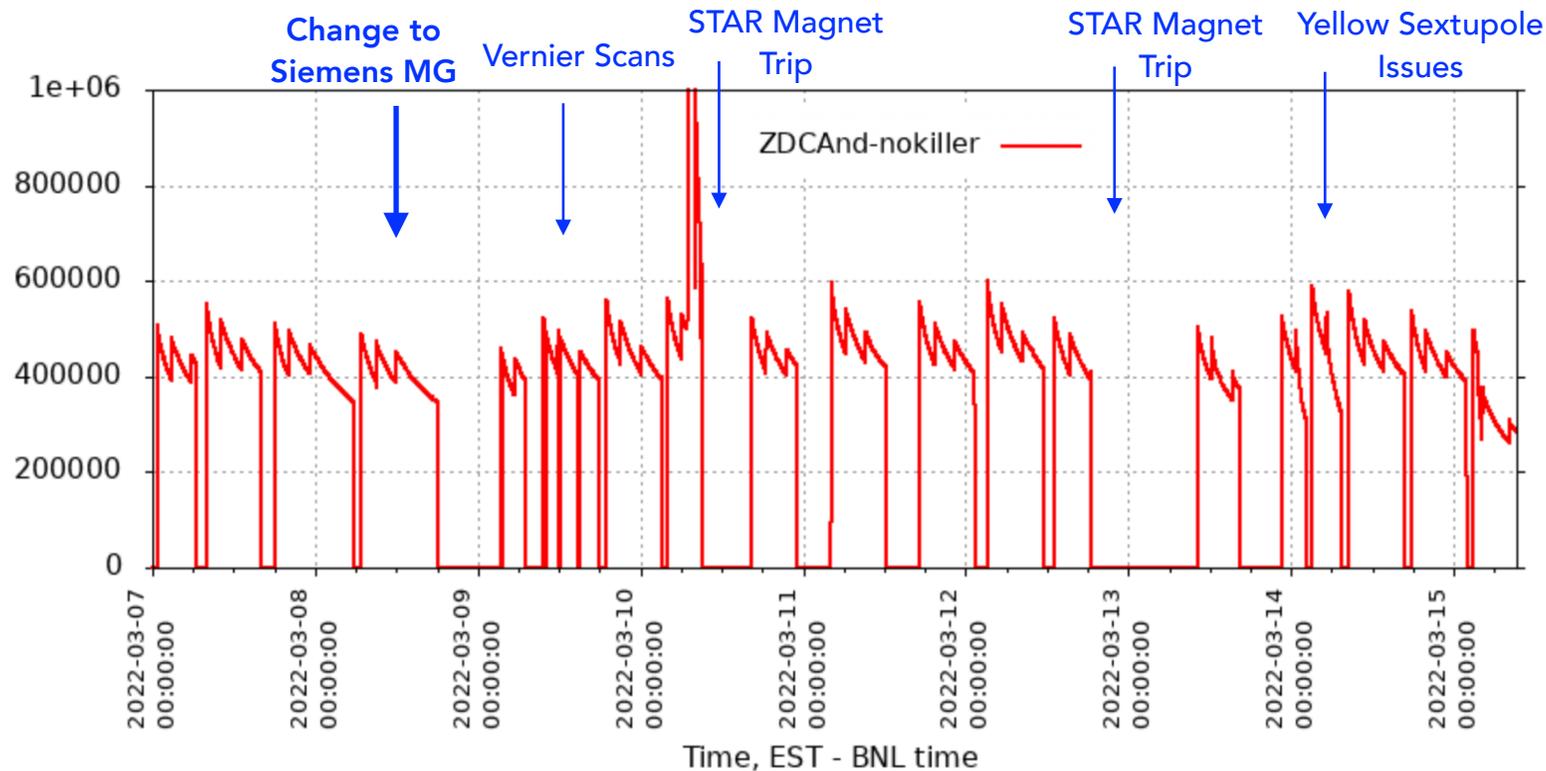
STAR Status Update

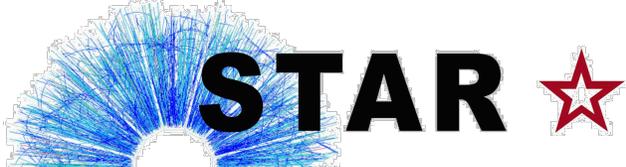
Sooraj Radhakrishnan
March 15, 2022



Overview for the week

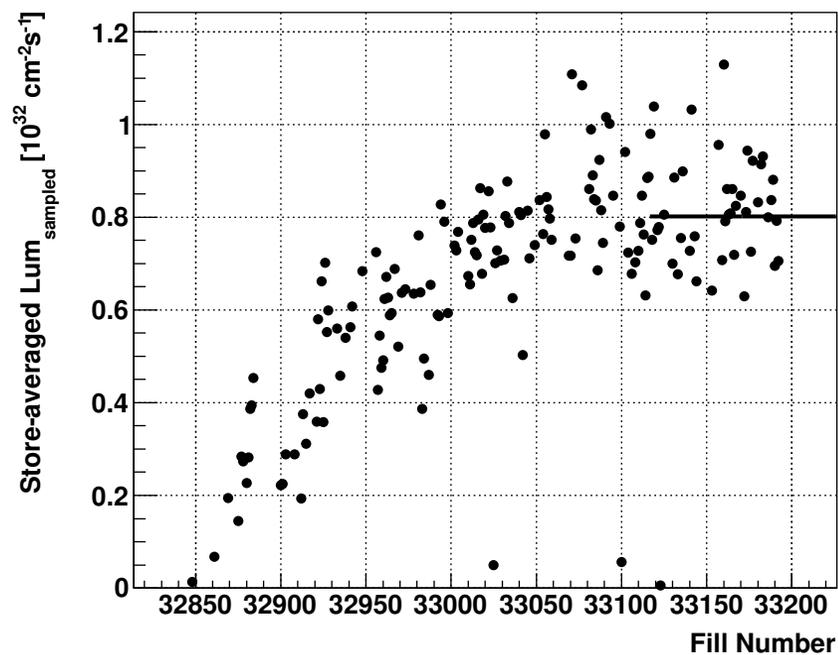
- Switch to Siemens MG went well, better luminosity and polarization
- STAR magnet trips causing downtime couple of times. Took low luminosity zero field alignment run during one. Also some downtime from Yellow abort kicker issues
- Otherwise dedicated STAR running without much interruption



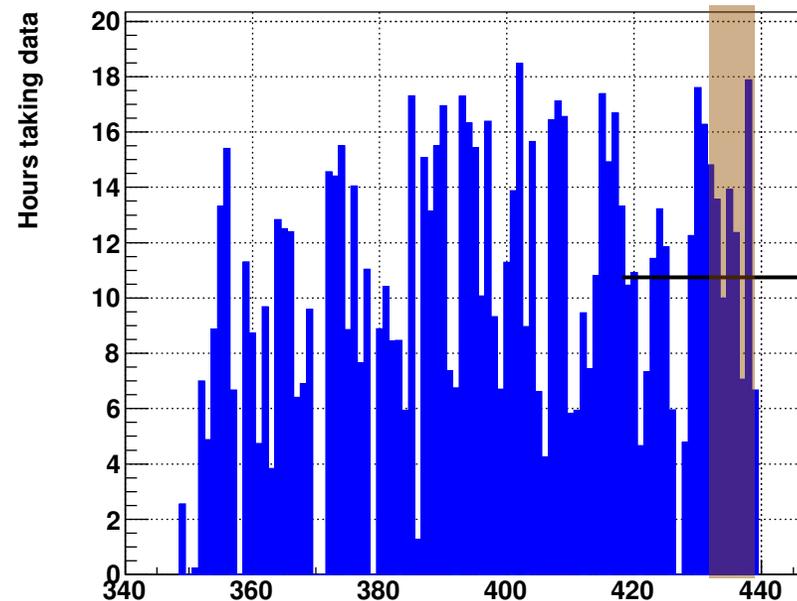


- Last Week:
 - Avg. hrs/day = 12.8
 - Avg. Samp.Lumi/day = 4.24 pb⁻¹
 - Better for STAR than than previous two weeks

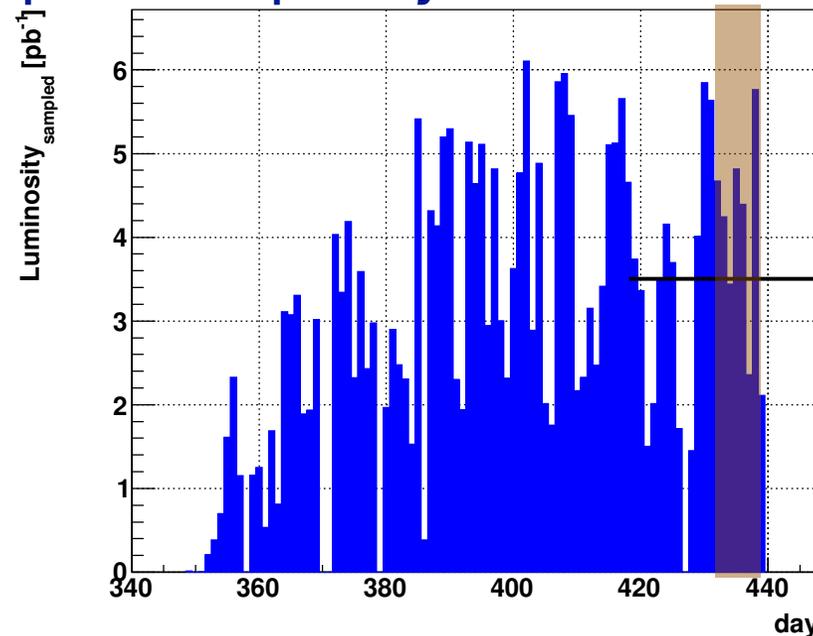
Store averaged sampled luminosity



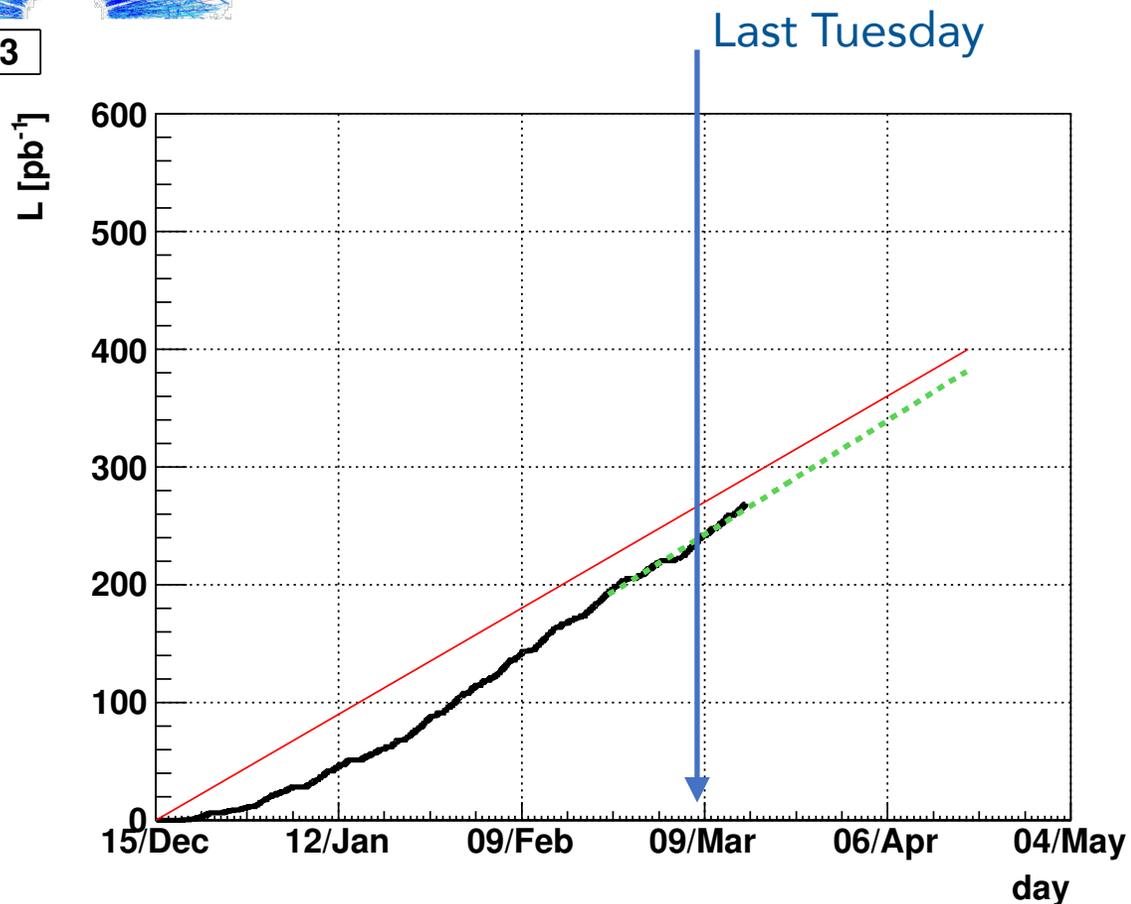
DAQ hours per day



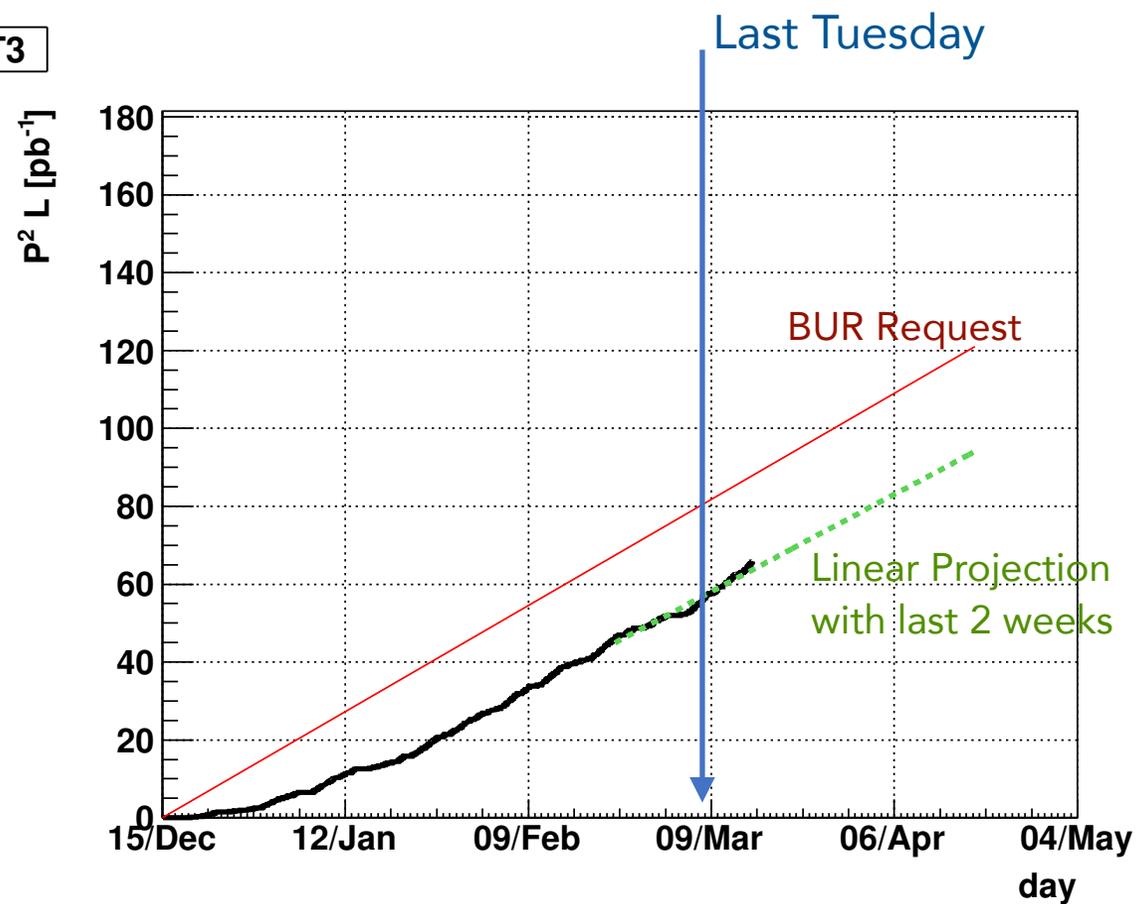
Sampled Lumi. per day



BHT3



BHT3



- BUR request $P^2L = 120 \text{ pb}^{-1}$
- Currently at $P^2L = 65.8 \text{ pb}^{-1}$, 55% of BUR goal
- 8.8 pb^{-1} from all week and 1.26 pb^{-1} per day for P^2L last week